

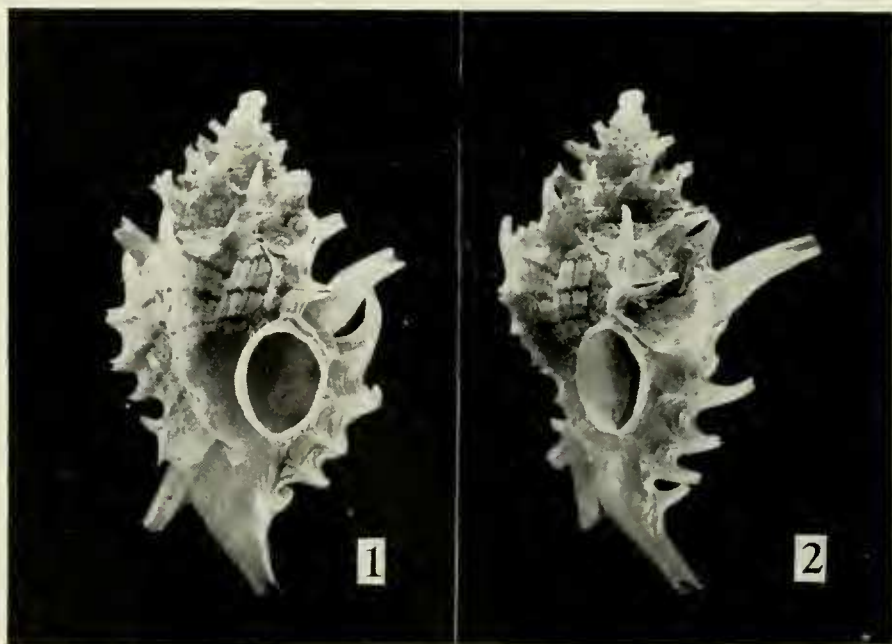
NEW TYPHID SPECIES FROM THE SOUTH CHINA SEA

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The writers have received two typhid species collected by coral fishing boats from the South China Sea through Dr. Kin'ichi Sakurai and Mr. Seiji Suzuki, of Maruma Shell Co. One is *Typhis* (*Monstrotyphis*) *tosaensis* Azuma and another is a new species described herewith. The writers express their sincere thanks to the gentlemen mentioned above for their kind cooperation.

***Typhis ramosus*, new species** (Figures 1, 2)

Description—Shell rather large for the typhid group, biconic in shape, stout, pale-brown in color, ornamented with reddish brown, transverse lines of 2 on the teleoconch whorls and of 5 on the body whorl, but with a chalky bloom on the surface in the fully grown specimens. Spire conically elevated. Protoconch of 2 whorls bearing a papillary tip which is smooth and polished, translucently white, roundly convex. Teleoconch of 4.5 whorls, foliated with varices which are 4 per whorl, arranged and continuing up to the earlier whorls spirally, and with 2 spines on the teleoconch whorls and 5 on the body whorl. Spines bent back and sharply pointed at the tip, except the shoulder spine which



Figs. 1, 2. *Typhis ramosus* Habe and Kosuge, new species. Holotype, 16.3 mm. in height.

is bent upward. Posterior siphonal tubes arising about midway between the varices, long and slender to the tip, slightly curved basally. The last siphonal tube near the aperture is apparently the largest and longest of them. Intervarical area has weak growth lines; 2 brown lines are on the teleoconch whorls and 5 on the body whorl. Aperture roundly ovate with a continuous peristome, and produced forward and apart from the penultimate wall. Varix at the outer margin rather broad and stout, armed with spines. Anterior siphonal tube broad at the base and attenuating towards the distal end, and slightly curved backward; closed throughout and forming a tube. Operculum roundly ovate rather thick, reddish brown and with the nucleus near the lower end.

Height 16.3 mm. and breadth 9.0 mm. (type specimen preserved in the National Science Museum, NSMT—Mo—38872). Height 21.3 mm. and breadth 11.3 mm. (paratype specimen preserved in the National Science Museum—Mo).

Type locality—South China Sea.

Remarks—*Typhis philippensis* Watson from Port Philip, Melbourne, South Australia, is closely allied to this new species in general features, especially in having the spines on the varices. However, it has no spiral colored bands on the surface, nor the narrow and long anterior siphonal canal of *ramosus*.

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